Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 28 Jul 2023 until 23:59 on Saturday 29 Jul 2023

Forecast Issued on Thursday 27 Jul 2023 at 13:45

Confidence: High for continuing changeable conditions, with a mix of dry interludes, bands of showers and periods of generally wet and windy weather. Lower confidence in the details surrounding rain late Sunday and Monday.

Headline for Friday 28 Jul 2023: Rather cloudy start. Brightening up with some sunny spells but also the odd shower.

Mountain weather hazards on Friday 28 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG							
Fog	Drizzle	Dull	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability							
40%	30%	20%	20%	20%	20%	20%	20%

Forecast for Friday 28 Jul 2023

Weather: A cloudy start, especially across western areas where outbreaks of drizzle likely. Cloud lifting and breaking to give a brighter afternoon with sunny spells. A few well-scattered showers likely during the afternoon and evening. These are expected to be mostly light, however the odd heavier burst possible late on and overnight.

Chance of cloud-free hill tops above 600m: 40% in the west, increasing 80% by late-morning. 90% in the east.

Low cloud and visibility: Banks of cloud affecting mainly western slopes initially, bases around 500-600m. This becoming patchier through the morning to leave cloud free tops. Chance of tops becoming obscured in showers, mainly later in the day and overnight. Visibility poor or very poor in early drizzle, otherwise good or very good, even in any light showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Friday 28 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/14 SW	10/12 SW	11/15 SW	12/17 SW	15/22 SW	14/21 W	13/20 SW	12/18 SW	15/22 SW
300	7/11 SW	7/12 SW	9/15 SW	11/16 SW	12/19 SW	12/19 SW	10/17 SW	9/15 SW	10/18 SW
Valley	5/10 SW	5/10 SW	7/14 SW	8/15 SW	9/18 SW	9/17 SW	8/17 SW	6/14 SW	8/18 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/11	12/10	12/10	13/11	15/12	15/13	15/12	13/11	12/9
300	15/14	14/14	14/13	15/14	17/15	18/16	17/16	15/14	14/12
Valley	15/15	15/14	15/14	16/15	18/17	19/18	18/17	16/15	15/14
Freezing Level*	2700m	2400m	2300m	2200m	2300m	2500m	2600m	2600m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low loud affecting higher cloud in the west initially may make for difficult navigation. Moderate to High UV levels expected with sun protection advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 27 Jul 2023	34mm	34.2mm	39.8mm

Forecast for Saturday 29 Jul 2023

Weather: A changeable day across the Peaks with scattered showers interspersed with some lengthy sunny and dry spells. Some showers may merge to give more prolonged rainfall at times, perhaps turning heavy and thundery late on.

Maximum wind: South west 15-20mph with gusts of 25-35mph.

Chance of cloud-free hill tops above 600m: 80% or above throughout.

Low cloud and visibility: Some patches of mist and fog may form in the early hours, briefly shrouding summits as it lifts and clears. Otherwise, cloud bases are expected to remain above the hills. Chance of lowering in heavier showers late on to around 600m.Visibility mostly very good, perhaps moderate in showers. Poor or very poor in any early mist or fog.

Temperature: **Valleys:** Plus 12 Celsius rising to Plus 18 Celsius
At 600m: Plus 10 Celsius rising to Plus 16 Celsius
Freezing level: Well above summits.

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